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## **PRESS RELEASE AGRITECHNICA 2011**

### **New compact boom with diagonal folding**

Only a few months after having introduced its new trailed sprayer METRIS, KUHN adds a new boom design to its range of mounted sprayers DELTIS and ALTIS. This boom named MEA3 is characterized by its revolutionary folding which allow putting the boom in diagonal on the sprayer to keep the machine compact, with keeping advantages of OPTILIFT parallelogram that provides increased stability and reliability.

#### **The strength of the KUHN 100% aluminium boom**

The aluminium boom, widely known on KUHN sprayers, is of 100% KUHN design and has been specially designed for DELTIS and ALTIS sprayers. In order to avoid whiplash and increase considerably stability, the boom is fitted with only 3 arms and articulation locking during spraying. The reduced number of articulations gives to the machine an excellent reliability. A further asset is the low weight of aluminium: the boom with its frame only weighs 300 kg for a width of 21 m. In addition to its light weight, aluminium offers the significant advantage of being completely corrosion insensitive which provides outstanding resistance of the MEA3 boom against phytosanitary products and fertilizers. Long service life, reliability and good resale value are ensured.

#### **Compact, stable and balanced**

The diagonal boom is fully within the sprayer dimensions. During transport, there are no risks of possible drops falling on the tractor. Owing to its compact dimensions, this sprayer is not limited in terms of speed regulations in force in certain countries. To keep the unit's stability during transport, the MEA3 boom benefits from the OPTILIFT parallelogram system and its transport suspension by nitrogen ball that eliminates risks of damage and give better driving on the road. At Least, the parallelogram, linked at the front of the sprayer, there is maximum load transfer towards the tractor.

#### **The EQUILIBRA suspension: a powerful asset**

The boom comes with a new steel frame including the EQUILIBRA suspension fitted on other KUHN sprayers. The boom benefits from excellent stability thanks to its pendulum-rod type suspension combined with 2 dampeners allowing turning with a boom in horizontal position. It also features a mechanical and automatic slope correction system that facilitates boom management on slopes. An anti-whiplash system ensures boom protection and reliability during speed increase and braking as well as ensuring also excellent spraying precision.

The MEA3 boom will be presented at the AGRITECHNICA exhibition in Hanover as from 13 November 2011. This boom will be marketed in 2012.

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